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Revised September 1955

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

Tables on Hatchery and Flock Participation in the
National Poultry Improvement Plan

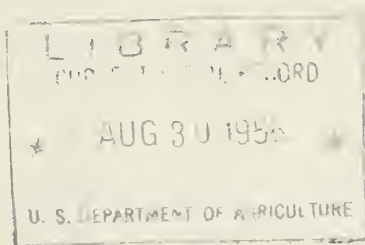


Table 1 - Hatchery Participation in the National Poultry Improvement Plan,
by States and Divisions, 1953-54 and 1954-55

State and Division	1953-54		1954-55	
	Number	Egg Capacity	Number	Egg Capacity
Maine	49	3,531,390	44	3,904,840
New Hampshire	60	4,940,700	55	4,869,700
Vermont	13	286,280	12	273,900
Massachusetts	146	5,859,370	130	4,990,880
Rhode Island	10	487,860	8	544,160
Connecticut	77	5,769,230	74	6,171,978
New York	155	7,018,477	106	6,417,635
New Jersey	94	11,453,430	97	13,254,870
Pennsylvania	137	12,739,794	124	13,359,185
NORTH ATLANTIC	741	52,086,531	650	53,787,148
Ohio	197	18,558,300	181	18,362,701
Indiana	234	26,742,660	228	27,500,000
Illinois	196	27,365,633	188	26,269,018
Michigan	109	8,039,356	94	8,271,491
Wisconsin	66	4,692,238	55	4,241,320
EAST NORTH CENTRAL	802	85,398,187	746	84,644,530
Minnesota	228	23,704,475	211	22,366,332
Iowa	128	14,163,700	127	14,548,980
Missouri	190	27,457,478	170	26,640,918
North Dakota	38	3,248,306	36	3,037,074
South Dakota	49	4,596,420	47	4,505,940
Nebraska	78	8,001,926	76	7,999,850
Kansas	128	10,186,300	120	8,954,164
WEST NORTH CENTRAL	839	91,358,605	787	88,053,258
Delaware	23	9,749,000	20	9,144,400
Maryland	61	14,476,440	60	14,320,940
Virginia	89	13,849,229	80	13,781,391
West Virginia	27	2,424,352	27	2,771,004
North Carolina	167	11,673,474	154	12,723,115
South Carolina	38	2,468,951	36	2,538,300
Georgia	108	13,367,057	108	14,322,143
Florida	69	4,770,715	60	5,084,860
SOUTH ATLANTIC	582	72,779,218	545	74,686,153
Kentucky	90	5,464,164	85	5,488,844
Tennessee	58	4,441,436	55	4,503,656
Alabama	76	6,257,704	70	6,893,882
Mississippi	70	6,230,087	69	6,819,960
Arkansas	53	4,990,241	52	7,409,120
Louisiana	30	1,538,460	22	1,288,200
Oklahoma	57	5,113,988	52	5,493,688
Texas	48	5,396,938	53	6,720,220
SOUTH CENTRAL	482	39,433,017	458	44,617,570
Montana	14	708,760	14	683,120
Idaho	30	1,503,820	28	1,444,860
Wyoming	6	196,080	4	156,000
Colorado	20	1,749,500	16	1,438,500
New Mexico	4	143,000	5	175,000
Arizona	3	105,000	3	105,000
Utah	16	1,261,680	20	1,294,780
Washington	41	3,671,500	35	3,711,200
Oregon	60	3,565,118	54	3,581,384
California	82	10,558,959	78	10,853,657
WESTERN	276	23,463,417	257	23,443,501
UNITED STATES	3,722	364,518,975	3,443	369,232,160

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Information in this report was compiled by the Animal and Poultry Husbandry Research Branch,
Agricultural Research Service.

Table 2 - Flock Participation in the National Poultry Improvement Plan,
by States and Divisions, 1953-54 and 1954-55

State and Division	1953-54			1954-55		
	Flocks	Birds	Av. birds per flock	Flocks	Birds	Av. birds per flock
Maine	634	1,485,564	2,343	626	1,454,155	2,323
New Hampshire	465	1,519,875	3,269	400	1,322,877	3,307
Vermont	204	229,883	1,127	226	252,350	1,117
Massachusetts	460	896,776	1,950	292	796,470	2,728
Rhode Island	46	59,282	1,289	54	71,093	1,317
Connecticut	186	699,364	3,760	168	663,713	3,951
New York	530	752,687	1,420	337	674,227	2,001
New Jersey	539	989,087	1,835	474	946,981	1,998
Pennsylvania	1,750	1,496,823	855	1,983	1,456,619	735
NORTH ATLANTIC	4,814	8,129,341	1,689	4,560	7,638,485	1,675
Ohio	6,220	1,714,941	276	5,572	1,687,361	303
Indiana	10,182	2,782,889	273	9,984	3,052,851	306
Illinois	8,903	2,161,029	243	7,783	2,104,554	270
Michigan	1,818	743,597	409	1,719	798,798	465
Wisconsin	1,104	369,189	334	953	390,705	410
EAST NORTH CENTRAL	28,227	7,771,645	275	26,011	8,034,269	309
Minnesota	4,391	1,807,302	412	3,972	1,922,950	484
Iowa	5,039	1,525,083	303	4,621	1,493,315	323
Missouri	12,983	3,055,764	235	12,304	3,141,841	255
North Dakota	789	173,562	220	807	190,434	236
South Dakota	1,058	302,045	285	785	275,833	351
Nebraska	1,985	562,291	283	1,815	562,019	310
Kansas	3,108	758,028	244	2,544	638,976	251
WEST NORTH CENTRAL	29,353	8,184,075	279	26,848	8,225,368	306
Delaware	409	527,675	1,290	429	508,628	1,186
Maryland	1,243	567,327	456	1,157	519,456	449
Virginia	2,111	1,073,066	508	2,153	1,248,220	580
West Virginia	1,051	206,913	197	979	230,418	235
North Carolina	3,182	2,370,751	745	3,600	2,364,214	657
South Carolina	314	224,439	715	310	228,679	738
Georgia	790	1,253,214	1,586	975	1,790,179	1,836
Florida	146	274,263	1,879	152	259,297	1,706
SOUTH ATLANTIC	9,246	6,497,648	703	9,755	7,149,091	733
Kentucky	3,409	557,627	164	3,699	712,799	193
Tennessee	1,169	328,672	281	1,239	457,384	369
Alabama	800	523,942	655	808	637,512	789
Mississippi	395	430,913	1,091	428	393,857	920
Arkansas	660	378,884	574	886	507,212	572
Louisiana	313	259,733	830	307	272,454	887
Oklahoma	1,457	289,742	199	1,431	321,416	225
Texas	812	382,715	471	638	489,635	767
SOUTH ATLANTIC	9,015	3,152,228	350	9,436	3,792,269	402
Montana	159	45,082	284	151	52,529	348
Idaho	299	105,025	351	261	103,592	397
Wyoming	40	7,444	186	30	3,954	132
Colorado	460	109,986	239	396	90,303	228
New Mexico	21	9,398	448	24	9,180	383
Arizona	9	1,818	202	12	4,347	362
Utah	81	84,855	1,048	61	69,874	1,145
Washington	458	486,194	1,062	446	473,484	1,062
Oregon	802	485,424	605	949	593,267	625
California	878	957,202	1,090	691	813,108	1,177
WESTERN	3,207	2,292,428	715	3,021	2,213,638	733
UNITED STATES	83,862	36,027,365	430	79,631	37,053,120	465

Table 3 - Summary of Hatchery Participation in the National Poultry Improvement Plan, 1949-50 to 1954-55, inclusive.

		1949-50	1950-51	1951-52	1952-53	1953-54	1954-55*
Number Hatcheries		4,637	4,482	4,389	4,103	3,722	3,443
Hatching Egg Capacity		367,253,150	383,642,943	389,716,303	380,530,919	364,518,975	369,232,160
Percent Increase or Decrease	No.	+4.48	-3.34	-2.07	-6.52	-9.29	-7.50
	Cap.	+6.05	+4.46	+1.58	-2.36	-4.21	+1.29
A.M.S. Hatchery Estimate	No.	9,341	8,809	8,809	7,977	6,890	
	Cap.	551,847,000	575,099,000	575,099,000	582,615,000	562,237,000	
Percent of A.M.S. Estimate Participating	No.	49.6	50.9	49.8	51.4	54.0	50.0**
	Cap.	66.5	66.7	67.8	65.3	64.8	65.7
U. S. Approved	No.	3,622	3,599	3,591	3,374	3,073	1/ 3,117 340,144,729 92.12
	Cap.	310,549,873	333,161,130	342,443,415	335,293,976	320,494,858	
	Per.	84.56	86.84	87.87	88.11	87.92	
U. S. Certified	No.	381	341	318	309	306	
	Cap.	17,338,026	16,303,206	15,531,194	16,438,830	17,201,969	
	Per.	4.72	4.25	3.99	4.32	4.72	
Pullorum Classes Only (no breeding stage)	No.	634	542	480	420	343	2/ 326 29,087,431 7.88
	Cap.	39,365,251	34,178,607	31,741,694	28,798,113	26,822,148	
	Per.	10.72	8.91	8.14	7.57	7.36	
U. S. Pullorum-Controlled	No.	1,326	1,033	782	478	251	
	Cap.	111,567,865	93,880,948	71,955,143	40,248,907	17,777,950	
	Per.	30.38	24.47	18.46	10.58	4.88	
U. S. Pullorum-Passed	No.	1,691	1,642	1,711	1,553	1,311	3/1,060 109,454,970 29.64
	Cap.	153,014,164	156,872,773	168,111,653	162,832,455	142,913,298	
	Per.	41.66	40.89	43.14	42.79	39.20	
U. S. Pullorum-Clean	No.	1,620	1,807	1,896	2,072	2,160	4/2,383 259,777,190 70.36
	Cap.	102,671,121	132,889,222	149,649,507	177,449,557	203,827,727	
	Per.	27.96	34.64	38.40	46.63	55.92	

*The 1954-55 data are based on the classification of chicks produced rather than hatchery classification.

1/ Produced U.S. Approved and/or U.S. Certified chicks.

3/ Produced U.S. Pullorum-Typhoid Passed chicks.

2/ Produced no U.S. Approved or U.S. Certified chicks.

4/ Produced U.S. Pullorum-Typhoid Clean chicks.

** Based on A.M.S. Hatchery estimate for 1953-54.

Table 4 - Summary of Flock Participation in the National Poultry Improvement Plan, 1949-50 to 1954-55, inclusive.

		1949-50	1950-51	1951-52	1952-53	1953-54	1954-55
Number flocks		106,597	95,079	96,089	84,238	83,862	79,631
Number birds		34,700,337	33,719,373	37,473,625	33,834,794	36,027,365	37,053,120
Percent Increase or Decrease	Flocks	+13.55	-10.81	+1.06	-12.33	-4.45	-5.05
	Birds	+26.60	-2.82	+11.13	-9.71	+6.48	+2.85
Av. No. Birds Per Flock		326	355	390	402	430	465
U. S. Approved	Flocks	97,881	87,713	88,664	78,144	77,956	72,751
	Birds	28,350,156	28,057,255	31,526,397	28,890,778	31,099,528	31,658,639
	Per.	81.70	83.21	84.13	85.39	86.32	85.44
U. S. Certified	Flocks	5,660	4,752	4,765	4,186	4,116	5,161
	Birds	2,700,624	2,576,214	2,553,259	2,392,107	2,175,954	2,527,017
	Per.	7.78	7.64	6.81	7.07	6.04	6.82
Pullorum Classes Only (no breeding stage)	Flocks	3,056	2,614	2,660	1,908	1,790	1,719
	Birds	3,649,557	3,085,904	3,393,969	2,551,909	2,751,883	2,867,464
	Per.	10.52	9.15	9.06	7.54	7.64	7.74
U. S. Pullorum-Controlled	Flocks	27,306	18,800	11,596	5,674	2,945	
	Birds	7,254,849	5,184,311	3,541,449	1,719,880	924,255	
	Per.	20.91	15.38	9.45	5.08	2.57	
U. S. Pullorum-Passed	Flocks	58,120	51,713	55,370	43,941	36,721	23,002
	Birds	14,142,846	12,837,730	14,755,746	12,386,221	10,848,992	7,247,772
	Per.	40.76	38.07	39.38	36.61	30.11	19.56
U. S. Pullorum-Clean	Flocks	21,171	24,566	29,123	34,623	44,196	56,629
	Birds	13,302,642	15,697,332	19,176,430	19,728,693	24,254,118	29,805,348
	Per.	38.33	46.55	51.17	58.31	67.32	80.44
No. Flocks		111,422	100,471	100,586	86,300	85,644	81,444
FIRST No. Birds		37,237,674	36,843,630	39,704,243	35,654,526	37,766,375	39,288,860
TEST No. Reactors		269,115	199,968	149,988	81,109	88,918	40,316
% Reactors		.72	.54	.38	.23	.24	.10